

Undertaking for compliance of Revised STR

I Kurian Kurien (Name), son of Kurien Cherian (Father's name), aged about 38 years, resident of Padinjarekara, Mount Wardha, Muttambalam P.O., Kottayam – 686004, Kerala (address) do hereby solemnly affirm as under-

1. That the deponent is the Authorized signatory of Hevea Rubber Technologies Private Limited - Registered Company

2. That the deponent declares on behalf of Hevea Rubber Technologies Private Limited - Registered Company that:

(i) Our workshop/manufacturing unit at work address 21, Development Plot, Y.M.A. Road, Poovanthuruthu P.O., Kottayam – 686 012, Kerala, India having RDSO registration No. **CBS/G/Reg/Hevea** for item ID Expansion Joint is now fully compliant with revised STR for Manufacture and Supply of Expansion Joint (BS-S-7.5.3.1-11 Ver. 2.0). Our Registration Number is 27444

(ii) Following documents (duly authenticated) are attached as documentary evidence for the same-

List of documents

1. RDSO Approval Letter for Expansion Joint valid upto 30-01-2030
2. ISO 9001:2015 Certificate No. 100513/HEV09A issued by RIR Certification Private Limited
3. BIS QMS Certification – Application Ref. QM/A-APP2025119082, Stage-II Audit Report dated 12.05.2026 (Nil NCs, grant of certification recommended)
4. Undertaking for compliance of Para 6.4 of STR (in-house and outsourced manufacturing and testing facilities)
5. MoU with M/s Barath Metallurgical Laboratory (NABL accredited) for testing of steel components
6. MoU with M/s Matrix Inspection & Engineering Services (NABL accredited) for testing of polymer/elastomer components
7. MoU with Rubber Research Institute of India
8. MoU with MAEON Labs, Chennai

(iii) ISO 9001 certification through BIS has been implemented on 30th day of June 2026

(iv) The website has been updated and the details can be viewed at hevea.co.in

(iv) The Compliance / Undertaking as per Clause 6.4 of STR has been completed and attached. If any information as declared above is found false, I shall be fully responsible for penal action as decided by RDSO (Vendor Approving Authority).

Date: 06-08-2026

(Signature of Deponent)

HEVEA RUBBER TECHNOLOGIES (P) LTD.
21 DEVELOPMENT PLOT YMA ROAD
POOVANTHURUTHU P.O.
KOTTAYAM-686 012, KERALA

Place: Kottayam

Stamp of firm



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226 011
EPBX (0522) 2451200
Fax (0522) 2458500

Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226 011
DID (0522) 2450115
DID (0522) 2455310



No: CBS/PBEJ/Reg/Hevea Rubber

Date: 14.02.2025

M/s. Hevea Rubber Technologies Private Limited-Kottayam
Email: kurian.kurien@hevea.co.in

Office Address	Work address
21, Development Plot, Poovanthuruthu Kottayam, Kerala - 686012, India	21, Development Plot, Poovanthuruthu Kottayam, Kerala - 686012, India

Sub: Quality Audit for manufacture and supply of Expansion Joint (Item ID 3100421)

1. Quality Audit of M/s. Hevea Rubber Technologies Private Limited-Kottayam conducted successfully on 31.01.2025 at their work address at 21, Development Plot, Poovanthuruthu Kottayam, Kerala - 686012, India for manufacture and supply of following item-

SN	Item	Specification
(i)	Manufacture and supply of Expansion Joint (Item ID 3100421)	As mentioned in STR No. BS-S-7.5.3.1-11 (Version 1.1)

- 2 Next Quality Audit: to be completed before five years i.e. 30.01.2030.

Digitally Signed by Subhash
Chandra

Date: 14-02-2025 11:53:22

Reason: Approved

(Subhash Chandra)
Director/ B&S-III

For Director General (B&S)

Copy to : All concerned as per Mailing list enclosed:



RIR CERTIFICATION
Partners in Growth

CERTIFICATE

Hevea Rubber Technologies Pvt. Ltd.

**21 Development Plot, YMA Road, Poovanthuruthu Po,
Kottayam- 686012 Kerala, India.**

RIR certifies that the management system of the organization has been assessed and found to be in accordance with the requirements of the following standard:

ISO 9001:2015

SCOPE

**"Manufacture & Supply of Engineering Rubber products including Bridge Bearings,
Bridge Expansion Joints and Rubber Profiles."**

EA CODE- 14

Certificate No	: 100513/HEV09A
Registration Date	: 23.08.2022
Issue Date	: 23.08.2025
Certification Period	: 03 Years
Reissue Due Date	: 23.08.2028
Recertification Audit	: On / Before 23.08.2028



ACCREDITED
Management Systems
Certification Body

MSCB-127



REGISTERED

ISO 9001:2015

Certification Manager

RIR CERTIFICATION PRIVATE LIMITED

A-210, Level 2, Unitech Arcadia, South City-2, Sector-49, Gurgaon-122018, IND
Accredited by International Accreditation Services (Accreditation No. MSCB-127)
West Coast, 3060 Saturn Street, Suite 100 Brea, California 92821-1732 U.S.A

This certification was conducted in accordance with RIR auditing & certification procedures and subject to regular surveillance audits.

Certification period is 3 years. Verifiable at <http://www.rircert.com/Certificate-Search.php> or at e-mail: info@rircert.com

CIN:U25199KL1995PTC009130

HEVEA RUBBER TECHNOLOGIES PVT. LTD.

21, DEVELOPMENT PLOT, Y.M.A. ROAD, POOVANTHURUTHU P.O., KOTTAYAM - 686 012.
KERALA, INDIA. PHONE: 0481-2342081, Mobile: 9633032232, 9447194281
E-mail: hevearubbertechnologies@gmail.com, kurian.kurien@hevea.co.in

HEVEA >>

UNDERTAKING

(As per Annexure-4 — Para 6.6 of RDSO STR No. BS-S-7.5.3.1-11 for Manufacture and Supply of Expansion Joint, read with IRC:SP:69-2011, Latest Edition)

Reference: Revised STR from RDSO

Date: 6th of August, 2026

To,
The Executive Director / B&S,
Research Designs and Standards Organisation (RDSO),
Manak Nagar, Lucknow – 226011.

Sub: Undertaking regarding manufacturing and testing facilities for Expansion Joint as per IRC:SP:69-2011.

I, **Kurian Kurien**, the Managing Director and authorised signatory (as per Annexure-4) of **M/s Hevea Rubber Technologies Private Limited**, having its registered office at 21, Development Plot, YMA Road, Poovanthuruthu P.O., Kottayam – 686012, Kerala, do hereby give the following undertaking:

1. That the entire **in-house manufacturing and testing facilities** of M/s Hevea Rubber Technologies Private Limited can accomplish the manufacturing and testing of Expansion Joint as per **IRC:SP:69-2011 (Latest Edition)**.
2. That the **outsourced testing facilities** have been seen / checked by M/s Hevea Rubber Technologies Private Limited and found in order as per IRC:SP:69-2011. The outsourced testing facilities are as under:
 - (a) **M/s Barath Metallurgical Laboratory Pvt. Ltd.** (NABL accredited), Chennai — physical & chemical testing of Mild Steel, Stainless Steel, Brass Sealing Rings and Bolts & Nuts (tensile, bend, impact, hardness, chemical composition).
 - (b) **M/s Matrix Inspection & Engineering Services** — Non-Destructive Testing: Ultrasonic Testing (UT) and Liquid Penetration Testing (LPT).
 - (c) **M/s MAEON Labs** (NABL accredited), Chennai — elastomer / rubber testing (rebound resilience, abrasion resistance, cold hardening point, polymer identification, etc.).
 - (d) **M/s Rubber Research India / The Rubber Board** — polymer identification by Infrared Spectrophotometry (ASTM D3677).
3. That the manufacturing and testing shall be carried out strictly in accordance with the test methods given in **IRC:SP:69-2011 (Latest Edition)**, and the relevant records, test certificates and traceability documents shall be maintained and produced as and when required.



HEVEA RUBBER TECHNOLOGIES (P) LTD.
21 DEVELOPMENT PLOT YMA ROAD
POOVANTHURUTHU P.O.
KOTTAYAM-686 012, KERALA

CIN:U25199KL1995PTC009130

HEVEA RUBBER TECHNOLOGIES PVT. LTD.

21, DEVELOPMENT PLOT, Y.M.A. ROAD, POOVANTHURUTHU P.O., KOTTAYAM - 686 012.
KERALA, INDIA. PHONE: 0481-2342081, Mobile: 9633032232, 9447194281
E-mail: hevearubbertechologies@gmail.com, kurian.kurien@hevea.co.in

HEVEA >>

4. That the information furnished above is true and correct to the best of my knowledge and belief, and copies of the Memoranda of Understanding with the outsourced facilities, along with sample NABL test certificates, are enclosed. The same has been uploaded on our website.

For M/s Hevea Rubber Technologies Private Limited

Signature: _____

Name: Kurian Kurien

Designation: Managing Director (Authorised Signatory as per Annexure-4)

Place: Kottayam Date: 06-08-2026

HEVEA RUBBER TECHNOLOGIES (P) LTD.
21 DEVELOPMENT PLOT YMA ROAD
POOVANTHURUTHU P.O.
KOTTAYAM-686 012, KERALA



भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS गुणता प्रबंध पद्धति प्रमाणन लाइसेंस

LICENCE FOR THE QUALITY MANAGEMENT SYSTEMS CERTIFICATION

राष्ट्रीय प्रत्यायन प्रमाणन निकाय बोर्ड, नई दिल्ली द्वारा प्रत्यायित
(Accredited by National Accreditation Board for Certification Bodies, New Delhi)

लाइसेंस सं. क्यूएम/एल - 2025119082

Licence No. QM/L- 2025119082

1. भारतीय मानक ब्यूरो अधिनियम 2016 (2016 का 11) द्वारा प्रदत्त शक्ति के आधार पर, ब्यूरो इसके द्वारा अनुदान/पुनःप्रमाणित करता है

By virtue of the power conferred on it by the Bureau of Indian Standards Act 2016 (11 of 2016), the Bureau hereby grants to

हेविया रबर टेक्नोलॉजीज़ प्राइवेट लिमिटेड

21, डेवलपमेंट प्लॉट, वाईएमए रोड

पूवन्थुरुथु पीओ, कोट्टायम -686012

केरल, भारत

HEVEA RUBBER TECHNOLOGIES PVT LTD

21, Development Plot YMA Road

Poovanthuruthu PO, Kottayam -686012

Kerala, India

को (जिन्हें इसके बाद लाइसेंसधारी कहा गया है) इसके साथ लगी अनुसूची में विशेष रूप से वर्णित उत्पादों और/या सेवाओं या प्रक्रमों के संबंध में ब्यूरो के गुणता प्रबंध पद्धति प्रमाणन के लाइसेंसधारियों के रजिस्टर(रों) में उसी संख्या से सूचीबद्ध होने का अधिकार और लाइसेंस प्रदान प्रमाणित करता है, जो इस लाइसेंस की है। इस प्रकार के उत्पाद और/या सेवाएं या प्रक्रम लाइसेंसधारी द्वारा

IS/ISO 9001:2015 के अनुरूप गुणता प्रबंध पद्धति के अनुसार केवल ऊपर बताए गए पते (पतों) पर निर्मित/प्रदत्त/प्रचालित किए जाएंगे।

(hereinafter called the Licensee) the right and licence to be listed in the Bureau's register(s) of Licensees of Quality Management Systems Certification in respect of the products and/or services or processes particularly described in the schedule hereto, bearing the same number as this licence. Such products and/or services or processes shall be manufactured/provided/carried out by the Licensee at only the address(es) given above, and under the Quality Management Systems in accordance with IS/ISO 9001:2015.

2. यह लाइसेंस इस लाइसेंस का विनियम करने वाले उपरोक्त अधिनियम और उसके अधीन बनाए गए नियमों और विनियमों के संबंध प्रावधानों के अंतर्गत स्वीकृत/ पुनः प्रमाणित किया गया और लाइसेंसधारी एतद द्वारा ब्यूरो को उपरोक्त नियमों और विनियमों का विधिवत पालन करने का वचन देता है।

The licence is granted subject to the relevant provisions of the above Act and the rules and regulations made thereunder governing the licences referred to above, and the Licensee hereby covenants with the Bureau duly to observe with the said Rules and Regulations.

3. यह लाइसेंस जून 28 2029 तक वैध रहेगा और विनियमों के अनुसार इसे नवीनीकृत किया जा सकता है।

This licence shall be valid upto 28 June 2029 and may be renewed as prescribed in the Regulations.

जून 2026 के 30 तारीख को हस्ताक्षरित एवं मुहरांकित

Signed, Sealed and Dated on 30th day of June 2026

(एस के कनौजिया)

(वैज्ञानिक एफ और उप महानिदेशक (दक्षिणी क्षेत्र)

कृते भारतीय मानक ब्यूरो

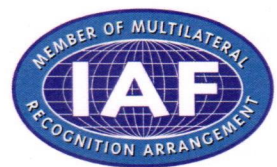
(S K KANOGIA)

Sc 'F' & Deputy Director General (Southern Region)
for BUREAU OF INDIAN STANDARDS

Last Certification Expiry: NA

Certification Audit date : 11 - 12 May 2026

Certificate due date : 28 Jun 2029





लाइसेंस सं. क्यूएम/एल – 2025119082 की अनुसूची
Schedule to Licence No. QM/L- 2025119082

जारी: हेविया रबर टेक्नोलॉजीज़ प्राइवेट लिमिटेड
21, डेवलपमेंट प्लॉट, वाईएमए रोड
पूवंथुरुथु पीओ, कोट्टायम -686012
केरल, भारत

Issued to: HEVEA RUBBER TECHNOLOGIES PVT LTD
21, Development Plot YMA Road
Poovanthuruthu PO, Kottayam -686012
Kerala, India

अनुसूची
SCHEDULE

वे उत्पाद/सेवाएँ/प्रक्रम जिनके संबंध में फर्म को गुणता प्रबंध पद्धति प्रमाणन लाइसेंस स्वीकृत प्रमाणित किया गया है :
Products/Services/Processes with respect to which the firm has been granted the licence for Quality Management Systems Certification:

Manufacture and Supply of Expansion Joints, Elastomeric Bearings and POT Bearings for use on Railway bridges/ROB, at 21, Development Plot, YMA Road, Poovanthuruthu P.O., Kottayam – 686012.

The following clause of IS/ISO 9001:2015 is not applicable

1. Design and development of products and services (Cl 8.3) is not applicable.

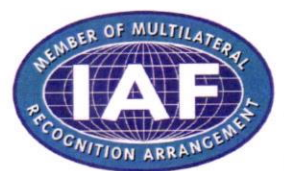
(एस के कनौजिया)

(वैज्ञानिक एफ और उप महानिदेशक (दक्षिणी क्षेत्र)

कृते भारतीय मानक ब्यूरो

(S K KANOGIA)

Sc 'F' & Deputy Director General (Southern Region)
for BUREAU OF INDIAN STANDARDS



MEMORANDUM OF UNDERSTANDING (MoU)

Between
Hevea Rubber Technologies Private Limited
and
Maeon Laboratories LLP

1. Parties to the MoU

This Memorandum of Understanding ("MoU") is executed on this **4th of August, 2026** Between:

1.1 Hevea Rubber Technologies Private Limited

Registered Office: 21, Development Plot, YMA Road, Poovanthuruthu P.O., Kottayam – 686012, Kerala.
GSTIN: 32AAACH6787J1ZB. Hereinafter referred to as "Hevea" or "Client",

AND

1.2 Maeon Laboratories LLP

Registered Office: No. 14 - Ground Floor, Lakshmikanthammal 1st Street, Rajiv Nagar, Vanagaram, Chennai, Tamil Nadu – 600077.

NABL Accreditation No.: TC-6572 (ISO/IEC 17025). Hereinafter referred to as "MAEON" or "Laboratory".

Hevea and MAEON shall collectively be referred to as the "Parties".

2. Purpose of the MoU

The purpose of this MoU is to establish mutual understanding and cooperation between Hevea and MAEON for carrying out testing of rubber / elastomeric (polymer) materials used by Hevea in the manufacture of elastomeric and POT-PTFE bridge bearings, in accordance with relevant national and international standards.

This MoU is also intended to be submitted to RDSO (Research Designs and Standards Organisation) for their review, acceptance, and furtherance as part of Hevea's compliance and vendor-approval requirements, including the outsourced-testing provisions of the STR (ref. Para 6.3.1).

3. Scope of Testing Services

MAEON agrees to carry out the following testing services for Hevea:

Sl.	Test	Purpose / Parameter	Reference Method / Standard
1	Polymer Identification by Infrared Spectrophotometry (FTIR)	Identification of the base polymer / elastomer	ASTM D3677 / IS 3400 (Part 22)
2	Polymer Content	Determination of percentage polymer (rubber hydrocarbon) content	ASTM D-297 / IS 3400 (Part 22)
3	Abrasion Resistance	Resistance to abrasion (volume loss, rotating drum)	ISO 4649 / DIN 53516
4	Rebound Resilience	Rebound resilience of the vulcanizate	ISO 4662
5	Cold Hardening Point (Low-Temperature Stiffening)	Low-temperature stiffening / hardening behaviour	ISO 1432 (Gehman) / ASTM D1053

All tests shall be carried out in accordance with NABL-accredited procedures, ISO/IEC 17025 norms and the relevant Indian / International standards, and the reports issued shall be suitable for submission to RDSO.

4. Duration of the MoU

This MoU shall remain valid for **65 months** from the date of execution, unless terminated earlier by mutual written consent with 30 days' notice.

5. Testing Charges

Testing charges shall be based on **mutually approved and periodically updated rates** as agreed between the Parties.

6. Responsibilities of the Parties

6.1 Responsibilities of MAEON

- Conduct testing in accordance with NABL-accredited procedures, ISO/IEC 17025 norms, and relevant Indian / International standards.
- Provide accurate, unbiased, and timely test reports.
- Maintain valid NABL accreditation covering the above scope of tests throughout the term of this MoU.
- Maintain confidentiality of samples, results, and proprietary information.
- Ensure proper calibration, validation, and maintenance of testing equipment.

6.2 Responsibilities of Hevea

- Provide samples in proper condition with clear test requirements.
- Share all necessary specifications and standards.
- Pay testing charges as per agreed rates.
- Use reports strictly for approved technical and regulatory purposes, including RDSO submission.

7. Confidentiality

All technical information, test data, pricing, and communication exchanged under this MoU shall remain confidential unless required by statutory authorities such as RDSO.

8. No Legal or Financial Obligation

This MoU does not constitute a financial partnership, joint venture, or legal obligation beyond the defined scope of testing services.

9. Dispute Resolution

Any disputes arising out of this MoU shall first be resolved amicably. If unresolved, the matter shall be referred to arbitration under the **Arbitration and Conciliation Act, 1996**, with jurisdiction at **Kerala** courts.

10. Jurisdiction

This MoU shall be governed by and interpreted in accordance with the laws of India. Jurisdiction shall lie exclusively with the courts in **Kerala**.

11. Amendments

Any modification or amendment must be made in writing and signed by both Parties.

12. Signatures

For Hevea Rubber Technologies Pvt. Ltd.

Name: Kurian Kurien

Designation: Managing Director

Signature: _____

Date: **4-08-2026**

For Maeon Laboratories LLP

Name: Sharmila Sekar

Designation: CEO

Signature: _____

Date: 04-08-2026



Enclosure (for RDSO): copy of MAEON Labs' NABL accreditation certificate and Scope of Accreditation covering the above tests, plus a sample NABL test certificate.



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**BARATH METALLURGICAL LABORATORY PRIVATE
LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

NO. 538/A, KANNAPPA STREET, CHENNAI, THIRUVALLUR, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-16221

Issue Date: 09/06/2025

Valid Until: 25/04/2029

This certificate supersedes the Certificate No. TC-9459 with issue date 26/04/2025 in view of change in legal entity of the laboratory.

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: BARATH METALLURGICAL LABORATORY PRIVATE LIMITED

Signed for and on behalf of NABL




Anuja Anand
Director


N. Venkateswaran
Chief Executive Officer



BARATH METALLURGICAL LABORATORY PVT. LTD.

(Recognised and Approved by : (CENTRAL AND STATE GOVT.BODIES)

MEMORANDUM OF UNDERSTANDING (MoU)

Between

Hevea Rubber Technologies Private Limited

and

Barath Metallurgical Laboratory Private Limited (NABL Accredited)

1. Parties to the MoU

This Memorandum of Understanding ("MoU") is executed on this **23rd day of June, 2026**,

Between

1.1 Hevea Rubber Technologies Private Limited

Registered Office:

21, Development Plot, YMA Road,
Poovanthuruthu P.O.,
Kottayam – 686012, Kerala

Hereinafter referred to as "**Hevea**" or "**Client**",

AND

1.2 Barath Metallurgical Laboratory Private Limited (NABL Accredited)

Registered Office:

No: 538/A, Kannappa Street,
Nazarathpet,
Chennai – 600123

Hereinafter referred to as "**BML**" or "**Laboratory**".

Hevea and BML shall collectively be referred to as the "**Parties**".

2. Purpose of the MoU

The purpose of this MoU is to establish mutual understanding and cooperation between Hevea and BML for carrying out metallurgical testing of various materials used by Hevea, in accordance with relevant national and international standards.



This MoU is also intended to be submitted to RDSO (Research Designs and Standards Organisation) for their review, acceptance, and furtherance as part of Hevea's compliance and approval requirements.

3. Scope of Testing Services

BML agrees to carry out the following testing services for Hevea:

3.1 Mild Steel – Physical & Chemical Tests

- **Physical Tests:**
 - Ultimate Tensile Strength (UTS)
 - Yield Stress
 - Elongation %
 - Bend Test
 - Impact Test at 0°C or –20°C for sub-zero classification
- **Chemical Tests for:**
 - Carbon (C)
 - Manganese (Mn)
 - Silicon (Si)
 - Phosphorus (P)
 - Sulphur (S)
 - Carbon Equivalent (CE)

3.2 Stainless Steel – Physical & Chemical Tests

- **Physical Tests:**
 - UTS
 - Yield Stress
 - Elongation %
 - Hardness
- **Chemical Tests for:**
 - C, Mn, Ni, Cr, P, S, Si, Mo and other essential alloying elements



BARATH METALLURGICAL LABORATORY PVT. LTD.

(Recognised and Approved by : (CENTRAL AND STATE GOVT.BODIES)

3.3 Brass Sealing Rings – Physical & Chemical Properties

Testing includes verification of compliance with applicable brass material specifications through:

- Hardness
- Tensile Properties
- Chemical Composition
- Any additional tests required by Hevea

3.4 Bolts & Nuts – Physical & Chemical Properties

Testing parameters include:

- Tensile Strength
- Proof Load
- Hardness
- Chemical analysis of alloy elements
- Additional tests as requested by Hevea

3.5 Additional Steel Testing Facilities (RDSO STR Compliance)

In addition to the above, and to fully meet the steel testing-facility requirements stipulated under the applicable RDSO Specification and Schedule of Technical Requirements (STR), BML shall provide the following test facilities:

- **Compressive Strength testing** – determination of compressive load-bearing capacity of steel components.
- **Ultrasonic Testing (UT)** – non-destructive examination for detection of internal flaws, laminations, and discontinuities.
- **Liquid Penetration Testing (LPT / DPT)** – non-destructive examination for detection of surface-breaking defects.

These tests shall be carried out in accordance with the relevant Indian/International standards and NABL-accredited procedures, and the reports issued shall be suitable for submission to RDSO.

4. Duration of the MoU

This MoU shall remain valid for **65 months** from the date of execution, unless terminated earlier by mutual written consent with 30 days' notice.

5. Testing Charges

Testing charges shall be based on **mutually approved and periodically updated rates** as agreed between the Parties.



BARATH METALLURGICAL LABORATORY PVT. LTD.

(Recognised and Approved by : (CENTRAL AND STATE GOVT.BODIES)

6. Responsibilities of the Parties

6.1 Responsibilities of BML

- Conduct testing in accordance with NABL-accredited procedures, ISO/IEC 17025 norms, and relevant Indian/International standards.
- Provide accurate, unbiased, and timely test reports.
- Maintain confidentiality of samples, results, and proprietary information.
- Ensure proper calibration, validation, and maintenance of testing equipment.

6.2 Responsibilities of Hevea

- Provide samples in proper condition with clear test requirements.
- Share all necessary specifications and standards.
- Pay testing charges as per agreed rates.
- Use reports strictly for approved technical and regulatory purposes, including RDSO submission.

7. Confidentiality

All technical information, test data, pricing, and communication exchanged under this MoU shall remain confidential unless required by statutory authorities such as RDSO.

8. No Legal or Financial Obligation

The MoU does not constitute a financial partnership, joint venture, or legal obligation beyond the defined scope of testing services.

9. Dispute Resolution

Any disputes arising out of this MoU shall first be resolved amicably. If unresolved, the matter shall be referred to arbitration under the **Arbitration and Conciliation Act, 1996**, with jurisdiction at **Kerala** courts.

10. Jurisdiction

This MoU shall be governed by and interpreted in accordance with the laws of India. Jurisdiction shall lie exclusively with the courts in **Kerala**.



BARATH METALLURGICAL LABORATORY PVT. LTD.

(Recognised and Approved by : (CENTRAL AND STATE GOVT.BODIES)

11. Amendments

Any modification or amendment must be made in writing and signed by both Parties.

12. Signatures

For Hevea Rubber Technologies Pvt. Ltd.

Name: Kurian Kurien

Designation: Managing Director

Signature: _____

Date: 23/06/2026

For Barath Metallurgical Laboratory Pvt. Ltd.

Name: Asha Abilash

Designation: Quality Manager

Signature: _____

Date: 23/06/2026





National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**MATRIX INSPECTION & ENGINEERING SERVICES PVT.
LTD.**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. 3, KRISHANAGIRI MAIN ROAD, HOSUR, KRISHNAGIRI, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-7621

Issue Date: 03/12/2024

Valid Until: 02/12/2028

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: Matrix Inspection & Engineering Services Pvt Ltd

Signed for and on behalf of NABL




Anita Rani
Director


N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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MATRIX INSPECTION & ENGINEERING SERVICES PVT. LTD., PLOT NO. 3,
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	NON-DESTRUCTIVE-METAL & ALLOYS	Castings	Ultrasonic Testing (Contact Method)	ASME Sec V, Article 4, 5, 23 & ASTM A609 / A609M
2	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Bench Type) - Visible & Fluorescent	ASTM E 1444
3	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Bench Type) - Visible & Fluorescent	BS EN1369
4	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous , Forging	Ultrasonic Testing	ASTM A745
5	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous (Aluminium) Materials, Casting	Radiography by Gammaray (Ir-192)	ASTM E1030
6	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-Ferrous Material	Ultrasonic Thickness	ASME Sec V, Article 23 & ASTM E797
7	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, bimetallic bearing	Ultrasonic Testing	ISO 4386 -1
8	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting	Radiography by X-Ray (KV-300)	ASTM E1030
9	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	ASTM E94
10	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	AWS D1.1
11	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN 12517-1
12	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN ISO 17636-1
13	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN12681-1
14	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	ASTM E94
15	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	AWS D1.1
16	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	BS EN ISO 17636-1
17	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray and Gamma Rays	ASME Sec V Article 2
18	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding, Forging & Rolled products	Ultrasonic Testing	ASTM E 114
19	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding, Forging & Rolled products	Ultrasonic Testing	AWS D1.1

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20	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Rolled products	Ultrasonic Testing	ASTM A435
21	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	ASTM E1220
22	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	ASTM E1417
23	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	AWS D1.1
24	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing	ASTM B594
25	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing	ASTM E2375
26	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing (Contact Method)	ASME Sec V, Article 4, 5, 23 & ASTM A388 / A388M
27	NON-DESTRUCTIVE-METAL & ALLOYS	Forging, Casting, Weld Joint	Fluorescent, Non-Fluorescent, Yoke and Bench Type	ASME Sec V (Art. 7 & 25), ASTM E 709
28	NON-DESTRUCTIVE-METAL & ALLOYS	Forging, Casting, Weld Joints	Penetrant Testing	ASME Sec V Article 6 & ASTM E165
29	NON-DESTRUCTIVE-METAL & ALLOYS	Non-ferrous Materials, Rolled products	Ultrasonic Testing	ASTM B548
30	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ASTM E213
31	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	BS EN 10307
32	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	BS EN10160
33	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ISO 10228-3,4
34	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ISO 17577
35	NON-DESTRUCTIVE-METAL & ALLOYS	Steel Plate	Ultrasonic Testing (Contact Method)	ASME Sec V (Art.4,5, & 23), ASTM A435/A435M, ASTM A578/A578M
36	NON-DESTRUCTIVE-METAL & ALLOYS	Steel Plates	Ultrasonic Testing	ASTM A577
37	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	AS 2062
38	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	BS EN 3452-1



National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
39	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	ISO 10893-4
40	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yok	AWS D1.1
41	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yoke	AS 1171
42	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yoke	IS 5334
43	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yok	BS EN 17638
44	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	AS 2207
45	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	ASME B31.1
46	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	ASTM B548
47	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	BS EN 17640
48	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing (Contact Method)	ASME Sec V (Art.4,5 & 23), ASTM E164
49	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints & Casting	Gamma Radiography	ASME B16.34
50	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1030
51	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1032
52	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1742
53	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	BS EN 12681
54	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	X-Ray	ASTME1032
55	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Castings	Gamma Radiography	AS 2177
56	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Castings	X-Ray	AS 2177
57	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Cating	X-Ray	ASTME1030
58	NON-DESTRUCTIVE-METAL & ALLOYS	Welds, Casting, Forgings	Visual Testing - (Direct/Indirect/Remote)	ISO 17637

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National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
59	NON-DESTRUCTIVE-METAL & ALLOYS	Welds, Raw Materials	Visual Testing - (Direct/Indirect/Remote)	ASME Sec V, Art 9



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Site Testing				
1	NON-DESTRUCTIVE-METAL & ALLOYS	Castings	Ultrasonic Testing (Contact Method)	ASME Sec V, Article 4, 5, 23 & ASTM A609 / A609M
2	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Bench Type) - Visible & Fluorescent	ASTM E 1444
3	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Bench Type) - Visible & Fluorescent	BS EN1369
4	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous , Forging	Ultrasonic Testing	ASTM A745
5	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous (Aluminium) Materials, Casting	Radiography by Gammaray (Ir-192)	ASTM E1030
6	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-Ferrous Material	Ultrasonic Thickness	ASME Sec V, Article 23 & ASTM E797
7	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, bimetallic bearing	Ultrasonic Testing	ISO 4386 -1
8	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting	Radiography by X-Ray (KV-300)	ASTM E1030
9	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	ASTM E94
10	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	AWS D1.1
11	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN 12517-1
12	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN ISO 17636-1
13	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by Gammaray (Ir-192)	BS EN12681-1
14	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	ASTM E94
15	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	AWS D1.1
16	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray (KV-300)	BS EN ISO 17636-1
17	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding	Radiography by X-Ray and Gamma Rays	ASME Sec V Article 2
18	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding, Forging & Rolled products	Ultrasonic Testing	ASTM E 114
19	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous and Non-ferrous Materials, Casting, Valves, Welding, Forging & Rolled products	Ultrasonic Testing	AWS D1.1

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20	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Rolled products	Ultrasonic Testing	ASTM A435
21	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	ASTM E1220
22	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	ASTM E1417
23	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous, Non-ferrous Metals & Alloys	Liquid Penetrant Testing - Visible & Fluorescent	AWS D1.1
24	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing	ASTM B594
25	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing	ASTM E2375
26	NON-DESTRUCTIVE-METAL & ALLOYS	Forging	Ultrasonic Testing (Contact Method)	ASME Sec V, Article 4, 5, 23 & ASTM A388 / A388M
27	NON-DESTRUCTIVE-METAL & ALLOYS	Forging, Casting, Weld Joint	Fluorescent, Non-Fluorescent, Yoke and Bench Type	ASME Sec V (Art. 7 & 25), ASTM E 709
28	NON-DESTRUCTIVE-METAL & ALLOYS	Forging, Casting, Weld Joints	Penetrant Testing	ASME Sec V Article 6 & ASTM E165
29	NON-DESTRUCTIVE-METAL & ALLOYS	Non-ferrous Materials, Rolled products	Ultrasonic Testing	ASTM B548
30	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ASTM E213
31	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	BS EN 10307
32	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	BS EN10160
33	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ISO 10228-3,4
34	NON-DESTRUCTIVE-METAL & ALLOYS	Plates, Pipes, Rods & Shafts	Ultrasonic Testing	ISO 17577
35	NON-DESTRUCTIVE-METAL & ALLOYS	Steel Plate	Ultrasonic Testing (Contact Method)	ASME Sec V (Art.4,5, & 23), ASTM A435/A435M, ASTM A578/A578M
36	NON-DESTRUCTIVE-METAL & ALLOYS	Steel Plates	Ultrasonic Testing	ASTM A577
37	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	AS 2062
38	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	BS EN 3452-1



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39	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Liquid Penetrant ,Visible, Florescent, Water Washable, Solvent Removable	ISO 10893-4
40	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yok	AWS D1.1
41	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yoke	AS 1171
42	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yoke	IS 5334
43	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Magnetic Particle, Visible, Florescent, Prod and Yok	BS EN 17638
44	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	AS 2207
45	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	ASME B31.1
46	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	ASTM B548
47	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing	BS EN 17640
48	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints	Ultrasonic Testing (Contact Method)	ASME Sec V (Art.4,5 & 23), ASTM E164
49	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints & Casting	Gamma Radiography	ASME B16.34
50	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1030
51	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1032
52	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	ASTM E1742
53	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	Gamma Radiography	BS EN 12681
54	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Casting	X-Ray	ASTME1032
55	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Castings	Gamma Radiography	AS 2177
56	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Castings	X-Ray	AS 2177
57	NON-DESTRUCTIVE-METAL & ALLOYS	Weld Joints, Cating	X-Ray	ASTME1030
58	NON-DESTRUCTIVE-METAL & ALLOYS	Welds, Casting, Forgings	Visual Testing - (Direct/Indirect/Remote)	ISO 17637

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59	NON-DESTRUCTIVE-METAL & ALLOYS	Welds, Raw Materials	Visual Testing - (Direct/Indirect/Remote)	ASME Sec V, Art 9



Matrix

Inspection & Engineering Services Pvt. Ltd.

CIN No.: U74220TZ2007PTC013442, GST No.: 33AAFCM2146K1ZK, Plot No.3, Krishnagiri Main Road, Hosur - 635109, E-mail: matrixinspection@gmail.com, Mob : 9786005171/2/3/5

MEMORANDUM OF UNDERSTANDING (MoU)

Between

Hevea Rubber Technologies Private Limited

and

Matrix Inspection & Engineering Services

1. Parties to the MoU

This Memorandum of Understanding ("MoU") is executed on this **16** day of **May**, 2026,

Between

1.1 Hevea Rubber Technologies Private Limited

Registered Office:

21, Development Plot, YMA Road,
Poovanthuruthu P.O.,
Kottayam – 686012, Kerala

Hereinafter referred to as "**Hevea**" or "**Client**",

AND

1.2 Matrix Inspection & Engineering Services

Registered Office:

Plot No.3, Krishnagiri Main Road, Near Anand Electronics, HOSUR – 635109 .Hereinafter referred to as "**Matrix**" or "**Laboratory**".

Hevea and Matrix shall collectively be referred to as the "**Parties**".

2. Purpose of the MoU

The purpose of this MoU is to establish mutual understanding and cooperation between Hevea and Matrix for carrying out non-destructive testing (NDT) of steel components used by Hevea in the manufacture of POT-PTFE and other bridge bearings, in accordance with relevant national and international standards.

This MoU is also intended to be submitted to RDSO (Research Designs and Standards Organisation) for their review, acceptance, and furtherance as part of Hevea's compliance and approval requirements.



3. Scope of Testing Services

Matrix agrees to carry out the following non-destructive testing (NDT) services for Hevea, in accordance with the steel testing-facility requirements stipulated under the applicable RDSO Specification and Schedule of Technical Requirements (STR) for POT-PTFE bearings:

3.1 Ultrasonic Testing (UT)

Non-destructive examination for the detection of internal flaws, laminations, and discontinuities in steel components.

3.2 Liquid Penetration Testing (LPT / DPT)

Non-destructive examination for the detection of surface-breaking defects.

These tests shall be carried out in accordance with the relevant Indian/International standards and NABL-accredited procedures, and the reports issued shall be suitable for submission to RDSO.

4. Duration of the MoU

This MoU shall remain valid for **65 months** from the date of execution, unless terminated earlier by mutual written consent with 30 days' notice.

5. Testing Charges

Testing charges shall be based on **mutually approved and periodically updated rates** as agreed between the Parties.

6. Responsibilities of the Parties

6.1 Responsibilities of Matrix

- Conduct testing in accordance with NABL-accredited procedures, ISO/IEC 17025 norms, and relevant Indian/International standards.
- Provide accurate, unbiased, and timely test reports.
- Maintain confidentiality of samples, results, and proprietary information.
- Ensure proper calibration, validation, and maintenance of testing equipment.

6.2 Responsibilities of Hevea

- Provide samples in proper condition with clear test requirements.
- Share all necessary specifications and standards.
- Pay testing charges as per agreed rates.
- Use reports strictly for approved technical and regulatory purposes, including RDSO submission.

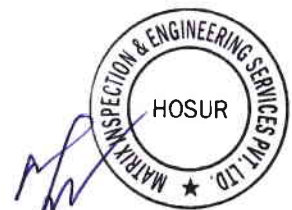
7. Confidentiality

All technical information, test data, pricing, and communication exchanged under this MoU shall remain confidential unless required by statutory authorities such as RDSO.

8. No Legal or Financial Obligation

The MoU does not constitute a financial partnership, joint venture, or legal obligation beyond the defined scope of testing services.

9. Dispute Resolution



Any disputes arising out of this MoU shall first be resolved amicably. If unresolved, the matter shall be referred to arbitration under the **Arbitration and Conciliation Act, 1996**, with jurisdiction at **Kerala** courts.

10. Jurisdiction

This MoU shall be governed by and interpreted in accordance with the laws of India. Jurisdiction shall lie exclusively with the courts in **Kerala**.

11. Amendments

Any modification or amendment must be made in writing and signed by both Parties.

12. Signatures

For Hevea Rubber Technologies Pvt. Ltd.

Name: Kurian Kurien

Designation: **Managing Director**

Signature: _____

Date: 16th of May, 2026

For Matrix Inspection & Engineering Services

Name: P Ramalingam

Designation: **Chief Executive Officer**

Signature: _____

Date: 16th of May 2026



CIN:U25199KL1995PTC009130

HEVEA RUBBER TECHNOLOGIES PVT. LTD.

21, DEVELOPMENT PLOT, Y.M.A. ROAD, POOVANTHURUTHU P.O., KOTTAYAM - 686 012.
KERALA, INDIA. PHONE: 0481-2342081, Mobile: 9633032232, 9447194281
E-mail: hevearubbertechologies@gmail.com, kurian.kurien@hevea.co.in



MoU with Rubber Board (attached)

- Rubber/Elastomer testing facilities along with Spectrophotometer for ozone resistance testing as per ISO: 1431-1.
- Percentage polymer content as per IS 3400.Part XXII.



भारतीय रबड़ गवेषण संस्थान
THE RUBBER RESEARCH INSTITUTE OF INDIA
(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)
(Ministry of Commerce & Industry, Government of India)

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Website : http://www.rubberboard.org.in

रबड़ बोर्ड
RUBBER BOARD
कोट्टयम - 9

KOTTAYAM 686 009

TECHNICAL CONSULTANCY DIVISION

Ref. No. TC/Certificate/2025

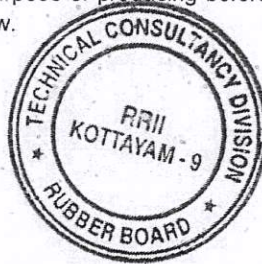
Date: 10/11/2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Technical Consultancy Division is an NABL accredited laboratory of Rubber Research Institute of India, Rubber Board (Ministry of Commerce and Industry, Government of India), Kottayam, Kerala. This laboratory has the facilities for testing rubber compounds and products. For confirmation of processing, characterization and testing of rubber compounds and vulcanizates, the laboratory has the following facilities.

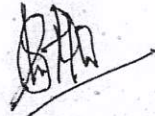
Sl. No.	Equipment Name	Range/Capacity	Tests Conducted
1	Laboratory mixing mill (India)	Size (6"x12")	Lab size mixing of rubber compounds (up to 1kg)
2	Infrared Spectrophotometer (Bruker, Germany)	Qualitative analysis	Identification of polymers and chemicals
3	Thermogravimetric Analyser (TA Instruments, USA)	Quantitative estimation in percentage	Polymer content, filler content and ash content

This certificate is issued for the purpose of producing before Research Design & Standards Organisation, Ministry of Railways, Lucknow.



To,

M/s. Hevea Rubber Technologies Pvt Ltd
21, Development Plot, YMA Road,
Poovanthuruthu, Kottayam-686 012.


Officer in Charge (TC)
प्रभारी अधिकारी (टीसी)
Officer in Charge (TC)
रबड़ बोर्ड Rubber Board
कोट्टयम Kottayam- 686 009